



# आरत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY



सं. 4] नई दिल्ली, शनिवार, अक्टूबर 26, 1980 (माघ 6, 1901)  
 No. 4] NEW DELHI, SATURDAY, JANUARY 26, 1980 (MAGHA 6, 1901)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के स्थान में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

### भाग III—खण्ड 2

#### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
 Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE  
 PATENTS AND DESIGNS  
 Calcutta, the 26th January 1980

##### *Application for Patents Filed at the Head Office*

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

20th December 1979

1325/Cal/79. P. F. Pugh. Factory built insulated cable and termination system.

1326/Cal/79. Shell Internationale Research Maatschappij B. V. Process and plant for acid gas removal. (December 28, 1978).

1327/Cal/79. Continental Oil Company. Hydrocarbon prospecting method and apparatus for the indirect detection of hydrocarbon reservoirs.

1328/Cal/79. Biogen N. V. Recombinant DNA molecules and their method of production. (December 22, 1978).

1329/Cal/79. Westinghouse Electric Corporation. Magnetic core structure.

1330/Cal/79. Westinghouse Electric Corporation. Forming of contoured irradiated regions in materials such as semiconductor bodies by nuclear radiation.

1331/Cal/79. Karykion, Inc. Coconut method and product.

1332/Cal/79. Georg Fischer Aktiengesellschaft. Process for packing granular materials.

21st December 1979

1333/Cal/79. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Apparatus for a fibre feed device in an open-end spinning equipment.

1--127GT/79

1334/Cal/79. Nederlandse Organisatie Voor Toegepast- Natuurwetens-Chappelijk Onderzoek t.b.v. Nijverheid, Handel EN Verkeer. Method of preparing a polymer mixture, formed products obtained therefrom and polymer alloy.

1335/Cal/79. Vsesojuzny Nauchno-Isledovatel'sky I proektny Institut PO Ochistke Tekhnologicheskikh Gazov Stochnykh VOD I Ispolzovaniyu Vtorichnykh Energoresursov Predpriyatiy Chernoi Metallurgii "Vnipichermetenergoochistka". Apparatus for connection of relatively rotating coaxial pipelines.

22nd December 1979

1336/Cal/79. Lucas Industries Limited. Motor vehicle electrical system. (December 22, 1978).

1337/Cal/79. Voest-Alpine Aktiengesellschaft. Device for controlling the position of a drift advancing machine.

1338/Cal/79. Fried Krupp Gesellschaft Mit Beschränkter Haftung. Method for separating isotopes.

24th December 1979

1339/Cal/79. BASF Atiengesellschaft. Dyeing of grain leather.

1340/Cal/79. Owens-Corning Fiberglas Corporation. Pelletizing in control.

1341/Cal/79. Owens-Corning Fiberglas Corporation. Batch pelletizing: A means for measuring pellet size during the forming process.

26th December 1979

1342/Cal/79. Nitrokemia Ipartelepek, Nchezvegvipari Kutato Intezet and Mta Mezogazdasagi Kutato Intezet. A process for the preparation of 2', 6'-di(alkyl-N-alkoxymethyl)-2-chloro-acetanilides.

1343/Cal/79. Valico P.v.b.a. Head piece for a tank for liquefied gas.

1344/Cal/79. R. P. Aneja. Improvements in or relating to an apparatus for dispensing measured quantities of liquids, such as milk, beverages and other liquids.

APPLICATIONS FOR PATENTS FILED AT THE  
(BOMBAY BRANCH)

3rd December 1979

337/BOM/1979. Dr. Arvind Gajanan Malshe & Arun Vasant Joshi, Conversion of water movements and air movements individually or together into energy generation pneumatically.

338/BOM/1979 Camphor & Allied Products Limited. A process for the preparation of CIS-Pinanol and 3 $\alpha$ , 4 $\alpha$ -Epoxycarane.

4th December 1979

339/BOM/1979 Ramesh Kumar Jain and Shri Bastimal Jain Device for making Puri Chapati or the like flat cakes named 'Automatic Breader'.

340/BOM/1979 Spads Phototype Setting Industries Private Limited. A file which can also be used as a file rest.

5th December 1979

341/BOM/1979 Nikunj Nandkishor Majumdar, Improvement in portable hand operated spinning Machine like Amber Charka.

6th December 1979

342/BOM/1979 The Bombay Textile Research Association. A method for Dyeing Cellulosic and Polyester/Cellulosic Fabrics with Vat Dyes by Cold Pad-batch Technique.

343/BOM/1979 Siddharth Narendra Balsari and Sheela Balsari, Improvement in or relating to the arc chamber of a low tension electrical miniature circuit breaker.

344/BOM/1979 Siddharth Narendra Balsari and Sheela Balsari Improvement in or relating to the arc chamber of a low tension electrical miniature circuit breaker.

10th December 1979

345/BOM/1979 The Bombay Textile Research Association. A method for Dyeing or printing of Textiles with Dyes through Foam Application Technique.

346/BOM/1979 The General Electric Company Limited, Fluorescent lamp circuit arrangements. Convention date 12-12-1978.

11th December 1979

347/BOM/1979 Ajay Metachem Pvt. Ltd., Hot topping composition.

12th December 1979

348/BOM/1979 Digambar Ramkrishna Moholkar and Prabhakar Ramkrishna Moholkar, Single Blade grinder for continuous input and output.

14th December 1979

349/BOM/1979 Nadathur Ammal Srinivasan, Improvements in or relating to floating roof storage tanks.

APPLICATION FOR PATENTS FILED AT THE  
(MADRAS BRANCH)

11th December 1979

222/Mas/79 Lucas Industries Ltd., Improvements in Disc Brakes for Rail Vehicles.

223/Mas/79 Lucas Industries Ltd., Improvements in Hydraulic Actuator Assemblies for Vehicle Braking Systems.

224/Mas/79 Lucas Industries Ltd., Master Cylinder Assemblies for Vehicle Braking Systems.

225/Mas/79 Lucas Industries Ltd. Master Cylinder and Reservoir Assemblies.

226/Mas/79 Lucas Industries Ltd. Fluid Level Indicating Devices.

227/Mas/79 Lucas Industries Ltd., Disc Brakes.

12th December 1979

228/Mas/79 J. Thaikattil. Improvements in or relating to dry cells.

ALTERATION OF DATE

147315. }  
852/Cal/78. } Ante-dated December 8, 1976.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 128A & J.

147302.

Int. Cl.-A61b 17/00.

POSTPARTUM FLUID LOSS RECEPTACLE.

Applicant & Inventor : DR. JOHN N HASWELL, OF 607  
DUBOIS STREET, VINCENNES, STATE OF INDIANA  
47591, UNITED STATES OF AMERICA.

Application No. 1558/Cal/77 filed October 29, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A postpartum fluid loss receptacle which comprises a sheet of flexible material that is essentially non-absorbent to body fluids, said sheet having a first end portion forming a first pocket and a second end portion, the first end portion of said first sheet being folded and defining a first edge and a second edge, the edges having a common point, the first edge being sealingly attached to the second edge continuously along a line extending from the common point.

Comp. Specn. 10 Pages.

Drg. 3 Sheets.

CLASS 33D.

147303.

Int. Cl.-B22d 7/02.

PROCESS FOR THE PRODUCTION OF METAL OR METALLIC ALLOYS IN INGOT FORM BY THE ELECTROSLAG PROCESS.

Applicant : ELECTROMETAL ACOS FINOS S. A. OF  
VIA ANHANGUERA KM 113, SUMARE 13170 STATE  
OF SAO PAULO, BRAZIL.

Inventor : JOSE DINIS DE SOUZA.

Application No. 288/Del/77 filed October 3, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

9 Claims.

Process for the production of metal or metallic alloys in ingot form by the electroslag process which comprises fabricating an electrode from at least two metals or metallic alloys of the kind such as herein described and remelting said electrode by the electroslag process to produce said ingot having a chemical composition varying continuously along its axis, the electrode being composed of segments of two (M<sub>1</sub> and M<sub>2</sub>) or more metals or metal alloys of different chemical compositions, these segments having masses and dimensions such that, after being joined to each other by electric arc welding or successive casts or a combination of both, along a curve and a surface of junction with a freely elected equation  $y=f(x)$ , produce, after remelting by the electroslag process, an ingot with chemical composition varying continuously along its axis x', the concentration of each chemical element of a pair of adjacent metals (M<sub>1</sub> and M<sub>2</sub>) varying along said axis according to the following equation :

147303.

$$E_k(x') = \frac{f(x')}{b} \frac{\delta_1}{\delta} E_{k'1} + \left[ \frac{1-f(x')}{b} \right] \frac{\delta_2}{\delta} E_{k'2}, \text{ where :}$$

$E_k(x')$  = Variation of the percentage of concentration by weight concentration (weight percent) of the chemical element of order k in the ingot along the axis x'.

$E_{k'1}$  = Percentage of concentration by weight concentration (weight percent) of the chemical element of order k, in metal M<sub>1</sub>.

$E_{k'2}$  = Percentage of concentration by weight concentration (weight percent) of the chemical element of order k, in metal M<sub>2</sub>.

$F(x)$  = Freely elected equation representing the curve and surface of junction of the Metals m<sub>1</sub> and M<sub>2</sub>.

b = Dimension of electrode along axis y.

$\delta_1$  = Density of metal M<sub>1</sub>.

$\delta_2$  = Density of metal M<sub>2</sub>.

$\delta$  = Density of the metal of the ingot produced.

Comp. Specn. 25 Pages. Drg. 4 Sheets.

CLASS 53C.

147304.

Int.Cl. B62m 9/00.

IMPROVEMENTS IN BICYCLE

Applicant & Inventor : KANDURY NARASIMHACHARY, JAGANNADHAPURAM, MACHILIPATNAM-521001, KRISHNA DISTRICT, ANDHRA PRADESH.

Application No. 15/Mas/77 filed January 13, 1977.

Complete Specification left December 17, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims.

A bicycle having a first crank gear wheel driven by the bicycle pedel; a first free gear wheel fixed to the axle of the rear wheel; a second free gear wheel and a second crank gear wheel both mounted one on either side or an axle fixed at the centre of the distance of the horizontal frame member formed between the teeth of the first crank gear wheel and the teeth of the first free gear wheel; a first chain connecting the first crank gear wheel and the second free gear wheel; a second chain connecting the second crank gear wheel and the first free gear wheel; a wind operated gear wheel mounted on each of the brackets connected to each of the forks on either side of the front wheel of the bicycle; each of the said wind operated gear wheels meshing with each one of the axle gear wheels mounted on either side on the axle of the front wheel, the wind operated gear wheels having concups attached to it such that the wind acting on it rotates the front wheel

in view of the meshing of the axle gear wheels with the wind operated gear wheels.

Prov.—2 pages; Com.—4 pages; Drwgs.—four sheets)

CLASS 61 G &amp; 61 A.

147305.

Int. Cl. F 26b 3/16.

A METHOD OF, AND A DEVICE FOR, DRYING TEA.

Applicant : CHIRANJILALJI HARIPRASAD, OF NO. 90 MOWBRAYS ROAD, MADRAS-600018, TAMIL NADU, INDIA.

Inventors : MANNARGUDI SUBRAMANIAM MAHALINGAM & CHIRANJILALJI HARIPRASAD.

Application No. 45/Mas/77 filed February 24, 1977.

Complete Specification left May 24, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims.

A method of drying tea comprising the steps of feeding the tea leaves to be dried into a chamber at the top thereof so as to allow the said leaves to fall through the chamber to the base thereof; providing within the chamber an upwardly moving column of hot, dehumidified, air such that as the said leaves are fed into the chamber they are met by the said moving column of air and thus wafted about in intimate contact therewith until dried to the desired extent; shutting off supply of the said air to allow the said leaves to settle down at the base of the chamber for being collected therefrom.

(Prov.-5 pages; Com.-9 pages; Drwgs.-One sheet).

CLASS 49D.

147306.

Int. Cl. B 26d 4/02.

AN IMPROVED BREAD SLICING MACHINE.

Applicant & Inventor : MR. MAHADEO ESHWAR-RAO TATOOSKAR SUDHARSHAN GENERAL REPAIRING WORKS, LAXMI ROAD, KEDARI CHOWK, POONA 411002.

Application No. 202/Bom/1976 Filed on June, 28, 1976.

Complete specification left on 27th June, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

1 Claim.

Improved bread slicing machine comprising a very compact and sturdy frame work, on the base of which there is provided a source of motive power in the form of an electric motor which drives a pulley with bearings mounted on a middle platform the extended shaft of the said pulley having a fly wheel, on two sides of which there provided closely spaced eccentric hubs for mounting two connecting rods, on the upper ends of which there being provided suitable frame work for holding the knives and blades, such that the knives in one frame-work are alternately spaced with the knives on the other frame-work; as the motor drives the pulley fast direct reciprocatting action in vertical direction is accomplished by virtue of two connecting rods each having eccentricity due to the said closely spaced eccentric hubs located on the same shaft of the pulley.

(Provisional Specification 3 Pages, Complete specification 4 Pages, Drawing—1 sheet).

CLASS 32E.

147307.

Int. Cl. C08b 5/04.

PROCESS FOR PREPARING DERIVATIVES FROM COFFEE HUSKS.

Applicant : KONTIKI CHEMICALS AND PHARMACEUTICALS (PVT) LTD., OF A.K. OFFICE BUILDING ROAD, BATTAPATAM, CANNANORE-10, KERALA STATE.

*Inventor* : DR. RAMAMURTI NANDAKUMAR.

Application No. 25/Mas/78 filed February 22, 1978.

Complete Specification left January 8, 1979.

Appropriate office for opposition Proceedings, (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims. No drawings.

A process for the production of coffee husk derivatives, comprising admixing coffee husk with water and heating the admixture with caustic soda (sodium hydroxide) and sulphur and/or sulphides such as herein described, and separating the liquid portion therefrom, by a known method and, if desired, evaporating the said liquid portion to the desired concentration.

(Prov.-3 pages; Comp.-5 pages).

CLASS 49 H.

147308.

Int. Cl. A 47 J 27/08.

#### IMPROVED PRESSURE COOKER.

*Applicant* : MANIK METALS AND TRADING CO. PRIVATE LIMITED 122 & 124-A JOLLY MAKER CHAMBERS NO. 2, NARIMAN POINT, BOMBAY-400021, MAHARASHTRA, INDIA.

*Inventors* : RAM MANIK.

Application No. 53/Bom/78 filed on Feb. 24, 1978.

COMPLETE SPECIFICATION LEFT ON 23 JUNE, 1978.

Appropriate Office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Bombay Branch.

5 Claims.

An improved pressure cooker having a cooking container and a top lid characterised by that the cooker is provided with a locking system, a re-usable safety plug system and an adjustable control valve for cooking under different pressure, wherein the said locking system is situated inside the handle of the top lid to lock the lid with the container and for opening of the lid after automatic release of the inside pressure, the locking system comprising a pin attached with an operating knob, a spring loaded latch block having two latches, one to lock the lid with the container and the other to push the sealing gasket to create a gap for the release of inside pressure.

(Prov. Specn-3 pages Comp. Spn. 7 pages Drawings-3 sheets).

CLASS 107 C+G.

147309.

Int. Cl. F01 p 1/02, 04 F02 b 3/06.

#### AN IMPROVED INTERNAL COMBUSTION ENGINE.

*Applicant* : KIRLOSKAR OIL ENGINES LIMITED LAXMANRAO KIRLOSKAR ROAD PUNE 411003 MAHARASHTRA INDIA.

*Inventor* : NIDAI DAVOLU NARA NARAYAN RAO.

Application No. 65/Bom/78 Filed March 4, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

4 Claims.

1. An improved internal combustion engine, wherein the cylinder head is air cooled or liquid cooled and the piston is of the kind described characterized in that the clearance between the piston and the cylinder liner is less than the clearance between the cylinder liner and the piston of an internal combustion engine of equivalent size and speed and is uniform around the circumference and that the cylinder liner is provided with fins or such extended surfaces to cool the cylinder liner, the piston and the lubricating oil between the cylinder liner and the piston by natural convection.

Complete specification 9 pages, drawing 2 sheets.

CLASS 80K & 107G.

147310.

Int. Cl.-B60r 27/00.

A SEAL ADAPTED TO BE FITTED WITH A FILTER ASSEMBLY FOR USE IN VEHICLES.

*Applicant* : PUROLATOR INDIA LTD., OF HAUZ KHAS, NEW DELHI, INDIA.

*Inventors* : MR. SURINDER KUMAR KAPOOR.

Application No. 60/Del/77 filed March 26, 1977.

Complete Specification left May 3, 1978.

Addition to No. 2/Del/77.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

2 Claims.

A seal adapted to be fitted with a filter assembly having an outer bowl with a filter insert held therein, an end cap member provided at one end of said bowl, said end cap member having a plurality of inlet holes and which are in flow communication with the inlet zone provided within said bowl through an inlet valve, a centre bush provided in said end cap member and being in flow communication with a central perforated tube disposed within said filter insert and such as to form an outlet for the filtered oil, wherein a seal is provided in association with said centre bush, said seal consisting of a resilient plate disposed within said bowl and having a finger extending beyond said bush and such that upon exerting a pressure on said seal in the outward direction the seal is removed from said bush as described in Parent Patent No. 145379 characterized in that at least one outlet opening is provided in said resilient plate.

Prov. Specn. 5 Pages. Comp. Specn. 9 Pages. Drg. 2 Sheets.

CLASS 69D.

147311.

Int. Cl.-H01h 36/00.

#### VACUUM SWITCH.

*Applicant* : HAZEMEIJER B. V., OF TUINDORPSTRAAT 61, HENGELO, THE NETHERLANDS.

*Inventors* : JOSEPH HUBERTUS FRANCISCUS GERA-DUS LIPPERTS.

Application No. 242/Cal/77 filed February 18, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A vacuum switch comprising an evacuated cylindrical envelope having therein two contact elements which are relatively movable such that the two contact elements make electrical contact in the closed condition of the switch and are separated by an electrically insulating gap in the open condition of the switch, said gap being symmetrically disposed with respect to the central axis of the cylindrical envelope, an electro-magnetic coil disposed coaxially around the envelope, the electro-magnetic coil being connected in series with the two contact elements when the switch is in the closed condition and producing an axial magnetic field in the region of current passage between the closed contact elements, the ends of the electro-magnetic coil being connected to respective electrically conducting joining rings one of which is connected to an electrically conducting cylindrical envelope coaxially surrounding the electro-magnetic coils and the other of which is connected to an electrically conducting disc in a central bore of which a first central conductor is mounted, one end of the electrically conducting cylindrical envelope extending beyond said other ring and being connected to a disc-shaped electrically conducting base, in a central bore of which a second central conductor is mounted, insulating material being provided between the electro-magnetic coil and the electrically conducting cylindrical envelope, said other joining ring and the envelope and between the electrically conducting disc and the disc-shaped base, one of the contact elements being connected to the first central conductor, whereas the other contact element and the second central conductor serve to connect the circuit to be controlled to the vacuum switch.

Comp. Specn. 10 Pages. Drg. 2 Sheets.

CLASS 69D &amp; G.

147312.

Int. Cl.-H01h 9/00.

## ELECTRICAL SWITCH.

Applicant : LUCAS INDUSTRIES LIMITED, OF GREAT KING STREET, BIRMINGHAM, ENGLAND.

Inventor : DEREK THORNLEY.

Application No. 1977/Cal/76 filed October 30, 1976.

Convention date November 29, 1975/(49179/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

An electrical switch including an input terminal which, in use, is electrically connected to one pole of an electric storage battery, an output terminal which in use is electrically connected to a load to be energised by said battery, a movable contact movable between an operative position wherein the movable contact completes an electrical circuit between the input terminal and the output terminal and an inoperative position wherein the movable contact is isolated from at least one of said input and output terminals, and, a cam movable manually to move the movable contact from its inoperative position to its operative position, there being provided an electromagnet winding which, when energised, prevents the cam acting upon the movable contact to move the movable contact to its operative position, said winding and a semiconductor diode being connected electrically in series between said input terminal and a further terminal, the further terminal, in use, being connected to said other pole of said battery, said diode being so orientated with respect to the intended plurality of the connection between the battery poles and said input and said further terminals, that the diode conducts to energise said winding in the event that reverse plurality connections are made between the battery poles and said input and said further terminals, so preventing the cam moving the movable contact to its operative position in the event of such reverse plurality connections.

Comp. Specn. 15 Pages.

Drg. 1 Sheet.

CLASS 89.

147313.

Int. Cl.-B65b 57/04, B65g 47/84.

## AN APPARATUS INSPECTING CLOSURE FLANGES.

Applicant : AMERICAN FLANGE &amp; MANUFACTURING CO. INC., AT 1100 WEST BLANKE STREET, LINDEN, NEW JERSEY 07036, UNITED STATES OF AMERICA.

Inventor : HUGO MUELLER.

Application No. 2073/Cal/76 filed November 18, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

An apparatus for inspecting closure flanges which have an upstanding cylindrical neck surrounded by a laterally extending base and an annular sealing gasket seated at the juncture of the neck and base, comprising an inspection station for sensing the presence and proper positioning of said gasket characterized by a flange chute positioned at an angle to the horizontal and having a base plate an upper guide rail and a lower guide rail, a reject opening in the chute base plate, a sealing finger affixed to the lower guide rail adjacent said reject opening and in the path of a properly seated gasket to permit properly gasketed flanges to pass over said reject opening and permitting improperly gasketed flanges to move laterally through said reject opening.

Comp. Specn. 9 Pages.

Drg. 1 Sheet.

CLASS 32A.

147314.

Int. Cl.-C09b 11/00.

## PROCESS FOR THE PREPARATION OF NEW STYRYL DYESTUFFS.

Applicant : BAYER AKTIENGESELLSCHAFT, OF EVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

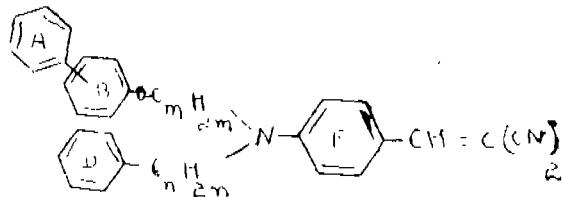
Inventor : HERMANN BEICKEN.

Application No. 214/Cal/77 filed February 14, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

Process for the preparation of styryl dyestuffs of the formula I.

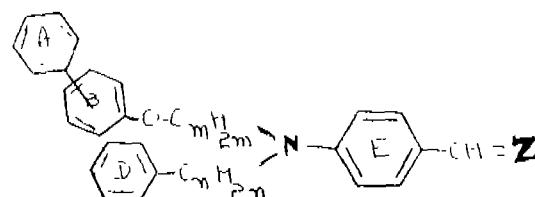


wherein the phenyl nuclei A, B, D and E can each be substituted by 1 or 2 radicals from the series methyl, ethyl, trifluoromethyl, methoxy, ethoxy or halogen, preferably chlorine,

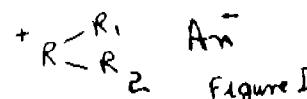
m denotes the numbers 2 or 3 and

n denotes the numbers 1-3

characterized in that compounds of the Formula I.



in which the symbols A, B, D and E, m and n have the meanings indicated above and z represents the group shown in Figure I.



in which R denotes a  $C_1C_6$ -alkyl radical and preferably a phenyl sulphophenyl or carboxyphenyl radical,  $R^1$  and  $R^2$  both represent  $C_1-C_6$ -alkyl and  $R^1$  also represents phenyl and  $A^-$  represents any acid anion are subjected to a condensation reaction with malodinitrile at a temperature between 20 and 160°C.

Comp. Specn. 21 Pages.

Drg. 6 Sheets.

CLASS 32F, &amp; F4a &amp; 55D.

147315.

Int. Cl.-C07c 87/60, A01n 9/00.

## PROCESS FOR PREPARING SUBSTITUTED DINITROANILINE HERBICIDES.

Applicant : AMERICAN CYANAMID COMPANY, AT WAYNE NEW JERSEY, UNITED STATES OF AMERICA.

Inventors : ALBERT WILLIAM LUTZ AND ROBERT EUGENE DIEHL.

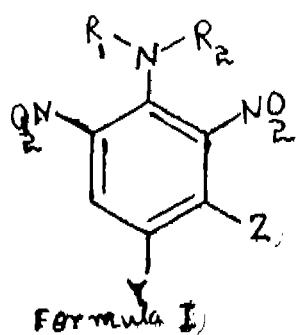
Application No. 852/Cal/78 filed August 4, 1978.

Division of application No. 2170/Cal/76 filed December 8, 1976.

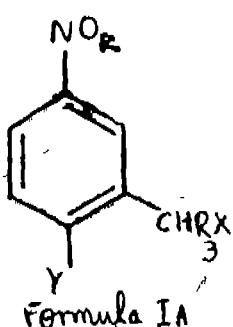
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 3 Claims.

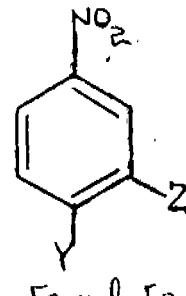
A method for the preparation of a compound having the formula I.



wherein  $R_1$  is hydrogen;  $R_2$  is *sec*-alkyl  $C_3-C_7$ ; monocloro-*sec*-alkyl  $C_3-C_4$  or methoxy-*sec*-alkyl  $C_3-C_4$ ;  $Z$  is  $-\text{CH}_3\text{OCH}_3$ ;  $R_3$  being hydrogen or  $-\text{CH}_3$ ; and  $Y$  is chloro or alkyl selected from the group consisting of  $-\text{CH}_3$ ;  $-\text{C}_2\text{H}_5$ ;  $n\text{-Pr}$ ;  $t\text{-Pr}$ ; *sec*- $\text{Bu}$  and  $t\text{-Bu}$  and compounds of formula (I) selected from the group wherein;  $R_1$  is hydrogen;  $Z$  is  $-\text{CH}_3$  and  $R_2$  and  $Y$  respectively are  $-\text{CH}(\text{C}_2\text{H}_5)_2$  and  $t\text{-Pr}$  or;  $-\text{CH}(\text{C}_2\text{H}_5)$  and  $-\text{C}_2\text{H}_5$  or  $-\text{CH}(\text{C}_2\text{H}_5)_2$  and *sec*- $\text{Bu}$  or  $-\text{CH}(\text{C}_2\text{H}_5)$  and  $n\text{-Pr}$  or  $-\text{CH}(\text{C}_2\text{H}_5)_2$  and  $n\text{-Bu}$  or  $t\text{-Pr}$  and  $\text{C}_2\text{H}_5$  or *sec*- $\text{Bu}$  and  $\text{C}_2\text{H}_5$  or  $t\text{-Pr}$  and  $i\text{-Pr}$  or *sec*- $\text{Bu}$  and  $t\text{-Pr}$  or  $-\text{CH}(\text{C}_2\text{H}_5)\text{CH}_2\text{Cl}$  and  $-\text{Cl}$  or  $-\text{CH}(\text{CH}_3)-n\text{-Pr}$  and  $-\text{C}_2\text{H}_5$  or  $\text{CH}(\text{C}_2\text{H}_5)\text{CH}_2\text{Cl}$  and  $-\text{C}_2\text{H}_5$  or  $-\text{CH}(\text{CH}_3)\text{CH}_2\text{Cl}$  and  $-\text{C}_2\text{H}_5$  or  $-\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{Cl}$  and  $-\text{C}_2\text{H}_5$  or  $-\text{CH}(\text{C}_2\text{H}_5)-n\text{-Pr}$  and  $n\text{-Pr}$  or  $-\text{CH}(\text{CH}_3)-n\text{-Pr}$  and  $n\text{-Pr}$  or  $-\text{CH}(\text{CH}_3)-n\text{-Pr}$  and  $i\text{-Pr}$  or  $-\text{CH}(\text{C}_2\text{H}_5)\text{CH}_2\text{Cl}$  and  $n\text{-Pr}$  or  $\text{CH}(\text{C}_2\text{H}_5)\text{CH}_2\text{Cl}$  and  $t\text{-Pr}$  or  $-\text{CH}(\text{CH}_3)\text{CH}_2\text{Cl}$  and  $n\text{-Pr}$  or  $-\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{Cl}$  and  $t\text{-Pr}$  or  $-\text{CH}(\text{C}_2\text{H}_5)-n\text{-Pr}$  and  $n\text{-Pr}$  or  $-\text{CH}(\text{D}_2\text{H}_5)-n\text{-Pr}$  and  $i\text{-Pr}$  or  $-\text{CH}(\text{CH}_3)\text{CH}_2\text{OCH}_3$  and  $-\text{C}_2\text{H}_5$  or  $-\text{CH}(\text{CH}_3)\text{CH}_2\text{OCH}_3$  and  $n\text{-Pr}$  or  $-\text{CH}(\text{CH}_3)\text{CH}_2\text{OCH}_3$  and  $i\text{-Pr}$  or  $-\text{CH}(\text{C}_2\text{H}_5)\text{CH}_2\text{OCH}_3$  and  $i\text{-Pr}$  or  $-\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{OCH}_3$  and  $-\text{CH}_3$  or  $-\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{OCH}_3$  and  $-\text{C}_2\text{H}_5$  and  $-\text{C}_2\text{H}_5$  or  $-\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{OCH}_3$  and  $n\text{-Pr}$  or  $-\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{OCH}_3$  and  $-\text{CH}_3$ ; and compounds of formula (I) selected from the group wherein:  $R_1$  is hydrogen,  $R_2$  is  $t\text{-Bu}$  or  $n\text{-Pr}$ ,  $Z$  is  $-\text{CH}_2\text{OCH}_3$ ; and  $Y$  is  $i\text{-Pr}$  or  $-\text{CH}_3$  or  $-\text{C}_2\text{H}_5$ ;  $R_1$  is hydrogen,  $R_2$  is  $-\text{CH}(\text{C}_2\text{H}_5)$ ;  $Y$  is  $n\text{-Bu}$  and  $Z$  is  $\text{CH}_2\text{OCH}_3$ ;  $R_1$  is  $H$ ,  $R_2$  is  $n\text{-Bu}$ ,  $Z$  is  $-\text{CH}_2\text{OCH}_3$  and  $Y$  is  $i\text{-Pr}$ ;  $R_1$  is  $H$ ,  $R_2$  is  $i\text{-Pr}$ ,  $Z$  is  $\text{CH}_2\text{OCH}_3$  and  $Y$  is  $n\text{-C}_4\text{H}_9$ ;  $R_1$  is  $H$ ,  $R_2$  is  $-\text{CH}(\text{C}_2\text{H}_5)$ ,  $Z$  is  $-\text{CH}_2-\text{O}-\text{C}_2\text{H}_5$  and  $Y$  is  $\text{CH}_3$ ;  $R_1$  is hydrogen,  $R_2$  is  $-\text{CH}(\text{C}_2\text{H}_5)_2$ ,  $Y$  is  $n\text{-Bu}$  and  $Z$  is  $\text{CH}_2\text{OCH}_3$ ;  $R_1$  is  $H$ ,  $R_2$  is  $n\text{-Bu}$ ,  $Z$  is  $-\text{CH}_2\text{OCH}_3$  and  $Y$  is  $i\text{-Pr}$ ;  $R_1$  is  $H$ ,  $R_2$  is  $i\text{-Pr}$ ,  $Z$  is  $-\text{CH}_2\text{OCH}_3$  and  $Y$  is  $n\text{-C}_4\text{H}_9$ ;  $R_1$  is  $H$ ,  $R_2$  is  $-\text{CH}(\text{C}_2\text{H}_5)_2$ ,  $Z$  is  $-\text{CH}_2-\text{O}-\text{C}_2\text{H}_5$  and  $Y$  is  $\text{CH}_3$ ; comprising, reacting a compound having the formula IA.



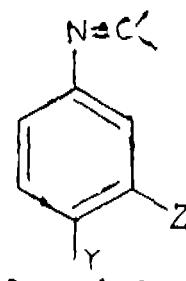
wherein  $X$  is chloro, bromo, or tosyl,  $R^a$  is  $H$  or  $\text{CR}^b$ , and  $Y$  is as described above, with at least an equimolar amount of an alkali metal methoxide or alkali metal ethoxide, in the presence of a lower (alkyl) alcohol or non-protic organic solvent, at a temperature between ambient temperature and  $80^\circ\text{C}$ , to yield a compound having the formula IB.



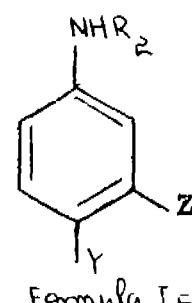
wherein  $Y$  is as defined above and  $Z$  is  $\text{CH}_2\text{OCH}_3$ ,  $-\text{CHOCH}_3$  or  $-\text{CH}_2\text{OC}_2\text{H}_5$ .

$\text{CH}'^a$

and reducing the above said nitro benzyl ether with an alkali metal sulfide to the corresponding 3(alkoxyalkyl)-4-substituted aniline, reacting said thus formed aniline, in the presence of molecular sieves, with a ketone to yield a compound of the formula ID.



wherein  $Z$  and  $Y$  are as defined before, and reducing said compound with a reducing agent such as sodium borohydride to yield a compound having the formula IE.



wherein  $Z$  and  $Y$  are as defined before and then nitrating the thus formed amine with a mixture of nitric acid and concentrated sulfuric acid to yield the above identified formula I, 2, 6-dinitroaniline derivative.

CLASS 33D.

147316.

Int. Cl.-B22D 7/00.

IMPROVEMENTS IN OR RELATING TO A METHOD OF AND APPARATUS FOR PRODUCING INGOTS OF UN-ALLOYED AND ALLOYED STEELS.

Applicant : VEREINIGTE EDELSSTAHLWERKE AKTIENGESELLSCHAFT (VEW), OF ELISABETHSTRASSE 12, 1010 WIEN, AUSTRIA.

Inventors : ERWIN PLOCKINGER, GERT KUHNELT, AND PETER MACHNER.

Application No. 412/Del/77 filed November 24, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

11 Claims.

Method of producing ingots of unalloyed and alloyed steels having an improved primary crystallisation, reduced ingot segregation and a reduced content of non-metallic inclusions, wherein molten steel is poured into a mould, whereupon a slag mixture is supplied onto it and this slag mixture in turn is supplied with energy during the solidification process of the steel in the mould, which energy advantageously corresponds to at least 120 kilowatt-hours per metric-ton of ingot weight, characterised in that the upper rim zone of the molten steel which borders on the slag is cooled.

Comp. Specn. 16 Pages.

Drg. 3 Sheets.

147317.

CLASS 84A.

Int. Cl.-C10J 3/56.

APPARATUS FOR THE GASIFICATION OF FINELY DIVIDED FUELS.

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V., OF CAREL VAN BYLANDTLAAN 30, THE HAGUE, THE NETHERLANDS.

Inventor : PIETER JACOBUS SCHUURMAN.

Application No. 492/Del/77 filed December 22, 1977.

Convention date December 24, 1976/(54037/) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims.

Apparatus for the gasification of finely divided fuels in suspension by reaction with oxygen-containing gases at elevated pressure comprising a gasification chamber defined by a water tube wall structure arranged in an outer pressure shell, wherein the gasification chamber and the pressure shell have a fixed support at the level of the centre line of the combustors present in the gasification chamber, a tubular quench section being fixed on top of the gasification chamber and penetrating into a superposed waste heat boiler, having a fixed support near the bottom thereof, and wherein heat expansion means are provided in the connection between the gasification chamber and the pressure shell so as to absorb relative thermal expansion differences and further heat expansion means are provided between the quench section and the waste heat boiler to absorb thermal expansion differences between the waste heat boiler on the one hand and common thermal expansion of the gasification chamber and the quench section on the other hand.

Comp. Specn. 10 Pages.

Drg. 1 Sheet.

CLASS 40A, &amp; F.

147318

Int. Cl.-B01J 1/00.

A PROCESS OF MAKING POLYMERIZATION REACTION VESSEL FOR ELIMINATING THE BUILD UP OF POLYMERS ON THE INTERNAL SURFACES.

Applicant : THE B. F. GOODRICH COMPANY, 277 PARK AVENUE, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventor : LOUIS COHEN.

Application No. 285/Cal/78 filed March 17, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

A process of making polymerization reaction vessel for eliminating the build up of polymers on the internal surfaces of the said reaction vessel which comprises applying to its surfaces a coating solution containing 0.1—3% of a condensation product selected from the group consisting of (1) the self-condensation product of a polyhydric phenol, (2) the condensation product of two or more polyhydric phenols and (3) the self-condensation product of a polyhydric naphthol, in 0.5-1% aqueous solution of an alkalinetal hydroxide, adjusting the pH of the resulting solution at 9-12, Ajax cleaning the surfaces before applying said coating solution, and then rinsing with water after applying the coating solution, wherein said polyhydric phenol(s) is selected from the group consisting of resorcinol, hydroquinone, catechol and phloroglucinol.

Comp. Specn. 23 Pages.

Drg. 1 Sheet.

## OPPOSITION PROCEEDINGS

An opposition has been entered by Jacob Verghese to the grant of a Patent on application No. 146633 made by Gherwanchand Virchand Jain.

## PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undenoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

139261 139262 139263 139264 139265 139266 139267 139268  
139269 139270 139271 139272 139273 139274 139275 139276  
139277 139279 139280 139281 139282 139283 139285 139286  
139287 139288 139289 139290 139291 139292 139294 139295  
139296 139297 139298 139302 139303 139304 139305

## PATENTS SEALED

146126 146337 146343 146394 146395 146396 146411 146413  
146415 146417 146419 146420 146435 146452 146465

## RENEWAL FEES PAID

97152 97321 97322 97422 97486 97487 97490 97518 97543  
97734 97816 97951 98057 98102 98275 98737 98738 98778  
98782 99061 100001 102973 102996 103262 103283 103335  
103358 103531 103571 103588 103608 103671 103902 104056  
104236 104329 104437 104582 104645 104661 105472 105771  
108774 108775 108777 108787 108788 108825 108829 108830  
108831 108901 108904 108951 109013 109938 110463 112692  
112693 113378 113689 113751 113753 113808 113882 113919  
113938 113942 113986 113987 113998 114031 114048 114099  
114101 114203 114284 114568 114697 114738 114745 114802  
114858 115019 115134 115135 115159 118925 119214 119237  
119271 119296 119314 119324 119339 119343 119386 119412  
119434 119455 119487 119509 119514 119546 119549 119551  
119556 119578 119602 119609 119634 119635 119651 119807  
120062 120094 120255 120321 120413 120424 120513 120601  
120698 124086 124114 124527 124675 124676 124689 124694  
124709 124710 124792 124795 124806 124807 124843 124899  
124900 124922 124928 124965 125000 125001 125023 125026  
125096 125203 125640 125764 125821 125887 125888 125889  
129732 129820 129821 129831 129852 129856 129882 129937  
129951 129961 129984 130000 130007 130013 130042 130070  
130085 130099 130111 130116 130311 130553 130924 132080  
133239 133400 133767 134100 134150 134184 134187 134189  
134190 134196 134208 134220 134250 134255 134281 134282  
134284 134328 134380 134409 134457 134515 134518 134567

134642 134733 134926 135736 136206 136416 136530 136562  
 136594 136595 136754 136770 136908 136930 137038 137264  
 137310 137336 137337 137361 138025 138043 138044 138161  
 138195 138202 138315 138469 138550 138765 138961 139029  
 139163 139240 139288 139575 139594 139658 139731 139991  
 140240 140816 140867 140939 141212 141274 141367 141385  
 141411 141442 141676 141739 141888 141905 141954 142132  
 142176 142333 142441 142476 142566 142634 142656 142672  
 142694 142715 142779 142870 142876 142886 143040 143279  
 143417 143485 143642 143713 143739 143828 143950 144096  
 144206 144255 144383 144385 144614 144686 144814 144828  
 144975 145062 145063 145086 145089 145090 145116 145168  
 145185 145199 145229 145232 145244 145252 145257 145258  
 145272 145283 145373 145385 145403 145407 145469 145479  
 145525 145532 145539 145541 145542 145604 145628 145640  
 145641 145663 145665 145685 145690 145716 145724 145739  
 145781 145870 145871 145873 145880 145904 146012 146053  
 146242 146274

#### RESTORATION PROCEEDINGS

##### (1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 101340 granted to "Universal Oil Products Company" for an invention relating to "process for purifying phenol". The patent ceased on the 28th August, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 18th August 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th March, 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

##### (2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 106663 granted to Olin Corporation for an invention relating to "a process for preparing thiadiazole compounds". The patent ceased on the 17th August 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 18th August 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th March, 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

##### (3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 106698 granted to Universal Oil Products Company for an invention relating to "heat utilization in aromatics fractionation". The patent ceased on the 19th August 1978, due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 18th August 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th

March, 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

##### (4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 112047 granted to Universal Oil Products Company for an invention relating to "process for the Production of gasoline". The patent ceased on the 21st August 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 18th August 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th March, 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

##### (5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 114840 granted to Farbensfabriken Bayer Aktiengesellschaft for an invention relating to "fungicidal compositions containing dithiolphosphoric esters". The patent ceased on the 17th August 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 3rd June 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th March, 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

##### (6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 127567 granted to Accumulatorenfabrik sonnenschein G.m.b.H. for an invention relating to "method of bonding components of an electrical storagebattery in leakproof relation". The patent ceased on the 16th July 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 23rd June 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th March, 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

##### (7)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 127672 granted to The Gillette Company for an invention relating to "metal articles, such as razor blades, method and apparatus for making the same". The patent ceased on the 23rd July 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10th November 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya

Jagadish Bose Road, Calcutta-17 on or before the 26th March, 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(8)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139858 granted to Homi Rustamji Vakil for an invention relating to "an ophthalmic Surgical instrument". The patent ceased on the 12th September 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 1st September 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th March, 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(9)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 140745 granted to Lodge-Cottrell Limited for an invention relating to "rectifier control circuit". The patent ceased on the 17th August 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 1st September 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th March, 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(10)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 141533 granted to Kuraray Co. Ltd. for an invention relating to "process for the preparation of 1, 1-trihalogeno-4-methyl-3-paten-2-ols". The patent ceased on the 23rd September 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10th November 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th March, 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(11)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 141908 granted to Kirtikumar Gandhi for an invention relating to "coalfired thermic fluid heater". The patent ceased on the 26th November 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 18th August 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th March, 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case

and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(12)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 142145 granted to Girling Limited for an invention relating to "improvements in vehicle disc brakes". The patent ceased on the 3rd August 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10th November 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th March, 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(13)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 142386 granted to Girling Limited for an invention relating to "improvements in and relating to sliding caliper disc brakes". The patent ceased on the 5th September 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10th November 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th March, 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(14)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 142669 granted to Haribhai Shantilal Gandhi, Kirtibhai Shantilal Gandhi and Himalbhai Shantilal Gandhi for an invention relating to "a variable speed control device". The patent ceased on the 4th November 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 1st September 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th March, 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(15)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 143168 granted to Surendra Lal Mahendra for an invention relating to "Laminating apparatus". The patent ceased on the 1st October 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 18th August 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th March, 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(16)

Notice is hereby given that an application for restoration of Patent No. 99316 dated the 2nd July 1964 made by Thomas John Karass on the 19th March 1979 and notified in the Gazette of India, Part III, Section 2 dated the 14th July 1979 has been allowed and the said patent restored.

(17)

Notice is hereby given that an application for restoration of Patent No. 110264 dated the 18th April 1967 made by Mastabur Mining Equipment Company Limited on the 7th April 1979 and notified in the Gazette of India, Part III, Section 2 dated the 21st July 1979 has been allowed and the said patent restored.

(18)

Notice is hereby given that an application for restoration of Patent No. 110337 dated the 24th April 1967 made by Mastabur Mining Equipment Company Limited on the 7th April 1979 and notified in the Gazette of India, Part III, Section 2 dated the 21st July 1979 has been allowed and the said patent restored.

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 148447. Flo Industrial Engineers of 3/138, J. Karia Industrial Estate, Musa Kiledar Street, Jacob Circle, Bombay-400011, Maharashtra, India, an Indian Proprietary Firm. "Chemical Process Pump". May 14, 1979.

Class 3. No. 148481. National Plastics Industries, 5, Rewa Chambers, First floor, New Marine Lines, Bombay-400020, Maharashtra, an Indian Partnership firm. "Chair". May 26, 1979.

Class 3. No. 148484. Hindustan Tool Industries, Chhoni Compound, 86-A, Sukhlaji Street, Bombay-400008, Maharashtra, an Indian Partnership Firm. "Hack Saw". May 29, 1979.

Class 3. No. 148406. Larsen & Toubro Limited of L & T House, Ballard Estate, Bombay-400038, Maharashtra, India, an Indian Company. "A Dropper Support". May 3, 1979.

Class 3. No. 148407. Larsen & Toubro Limited of L & T House, Ballard Estate, Bombay-400038, Maharashtra, India, an Indian Company. "A Busbar Support (Top and Bottom)". May 3, 1979.

Class 3. No. 148408. Larsen & Toubro Limited of L & T House, Ballard Estate, Bombay-400038, Maharashtra, India, an Indian Company. "A Busbar Support (Middle)". May 3, 1979.

Class 3. No. 148422. Minni Trading Corporation 5-B, Kanchan Villa, Goraswadi, Malad, Bombay-400064, Maharashtra, Indian Partnership Firm. "Pourer Plug". May 7, 1979.

Class 3. No. 148427. Vijay Issrani of S-12, Green Park, New Delhi-110016, India. "Toys". May 7, 1979.

Class 3. No. 148428. Mohan Parmanand Thakur an Indian of 61, Ala Mona 13th Road, Khar, Bombay-400052, Maharashtra, India, "Juicer Attachment". May 7, 1979.

Class 3. No. 148429. Mohan Parmanand Thakur an Indian of 61, Ala Mona, 13th Road, Khar, Bombay-400052, Maharashtra, India. "Tap (Spout) Attachment". May 7, 1979.

Class 3. No. 148430. Mohan Parmanand Thakur an Indian of 61, Ala Mona, 13th Road, Khar, Bombay-400052, Maharashtra, India. "Vegetable Cutter Attachment". May 7, 1979.

Class 3. No. 148434. Shiroli Multi Plast, Prabhadevi Industrial Estate, 1st floor, Unit No. 12, Opp : Sane Guruji Udyan, Prabhadevi, Bombay 400025, Maharashtra State, an Indian Partnership Firm. "Container". May 8, 1979.

Class 3. No. 148448. Rumi Plastics, 8A, Indian Metal & Forging Rolling Mills Compound, Lal Bahadur Shastri Marg, Vikhroli (West), Bombay-400083, Maharashtra, an Indian Partnership Firm. "Cap of Container". May 15, 1979.

Class 3. No. 148449. Venus Nib Company, Janta Market, Lal Bahadur Shastri Marg, Bhandup, Bombay-400078, Maharashtra State, an Indian Partnership Firm. "Container". May 15, 1979.

Class 3. No. 148450. Dr. Jose Thaikattil, Physician, University Health Centre, P.O. Calicut University, Kerala-673635, India, an Indian national. "Funnel". May 15, 1979.

Class 3. No. 148451. Dr. Jose Thaikattil, Physician, University Health Centre, P.O., Calicut University, Kerala-673635 India, an Indian national. "Funnci". May 15, 1979.

Class 3. No. 148460. Dunlop Limited, a British Company of Dunlop House, Ryder Street, St. James's, London S.W.1, England. "Tyre for a vehicle wheel". Priority date December 27, 1978.

Class 3. No. 148461. Chandrashekaraiah Guruprasad, 109, 7th Cross Road, N. R. Colony, Bangalore-560019, Karnataka State, India, Indian. "Modular Conference Tables". May 16, 1979.

Class 3. No. 148472. Televista Electronics Private Limited 239, Okhla Industrial Estate, New Delhi-110020. "Calculator". May 21, 1979.

Class 3. No. 148476. Dynam Plastics an Indian Registered Partnership Firm of Tamarind House, 36, Tamarind Lane, Fort, Bombay-400001, Maharashtra, India. "Container". May 23, 1979.

Class 3. No. 148482. Swastik Art Industries, Ram Baug, Swami Vivekanand Road, Milad, Bombay-400064, Maharashtra, an Indian Partnership Firm. "Frame". May 26, 1979.

Class 3. No. 148523. Radha Electric Trading Company, an Indian Registered Partnership Firm of Shri Krishna-kunj, Ghia Sheri, Mahidarpura, Surat- Pin : 395003, Gujarat State, Indian. "A Geyser". June 13, 1979.

#### EXTENSION OF COPYRIGHT FOR THE SECOND PERIOD OF FIVE YEARS

Nos. 145215, 145216,

Class 1.

No. 145299

Class 3.

#### EXTENSION OF COPYRIGHT FOR THE THIRD PERIOD OF FIVE YEARS

Nos. 145215 and 145216

Class 1.

No. 145299

Class 3.

S. VEDARAMAN  
Controller General of Patents, Designs  
and Trade Marks.